

VOLUMETRIC TRUCKS

Details

Clients Surrey County Council

Date Summer 2005

Location Surrey

Working with Conway

Sand, gravel and cement are carried dry, ready to be mixed when needed. A separate silo stores the cement and a built-in water tank and additives are carried to meet requirements as needed.

The vehicles are capable of carrying the constituents for eight cubic metres of concrete. Mix proportions are set to deliver the desired grade of concrete and slump, but can be varied to suit the customers needs at any time, allowing different grades to be delivered at different locations within a site.

Concrete Solution To “Pay As You Go”

Conway have been contracted to the Surrey Highways Partnership Lower Kingswood depot a number of times to supply a concrete mix using their volumetric trucks; designed to manufacture any grade of concrete or mortar at the point of delivery, using either virgin or washed recycled aggregate.

Paul Wilson, Lower Kingswood District Manager for Surrey Highways Partnership, prefers delivery of concrete from the volumetric trucks as it saves money and is better quality. “The volumetric truck is cost effective, efficient and very versatile giving you the ability to change mixes whenever you need to without the hassle of re-ordering”.

The concrete, a wet C30 mix, was used at Lower Kingswood depot to create an additional bay, with the intention to contain skips for their metal and green waste and therefore freeing up much needed depot space.



The concrete base, when compared to tarmac, is much stronger and impervious to chemicals and salt that are found within depots. The mix is ideal for curb packing, cementing posts and creating bays but would not be used by the Partnership for structural concrete of 30kn/mm²>.